

Art Unit: 1795

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Meyers on 9 October 2008 and on 15 October 2008.

The application has been amended as follows:

#### **IN THE SPECIFICATION:**

Please replace the first paragraph on page 1, starting at line 1, with the following paragraph:

This is a continuation-in-part of ~~co-pending~~ United States Patent Application having Serial Number 07/575,254 ~~575,254~~ that was filed on August 30, 1990, now abandoned.

#### **IN THE CLAIMS:**

##### **Claim 53:**

53. (Currently Amended) A solid carbon product prepared by the process comprising:

- (a) vaporizing a carbon source in the presence of an inert quenching gas under conditions effective to provide a sooty carbon product comprising C<sub>60</sub> molecules;
- (b) depositing the sooty carbon product on a collecting substrate;
- (c) removing the sooty carbon product ~~from~~ from the collecting substrate;
- (d) contacting the sooty carbon product with a non-polar organic solvent effective to dissolve C<sub>60</sub> molecules, said solvent being present in an amount effective to dissolve the C<sub>60</sub> molecules in said sooty carbon product; and
- (e) recovering from said resulting product formed when the sooty carbon product was contacted with said solvent a solid carbon product comprising C<sub>60</sub> in a macroscopic amount.

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**Claim 66:**

66. (Currently Amended) The solid carbon product of Claim 53 wherein the non-polar organic solvent of step (d) is carbon ~~dissulfide~~-disulfide, benzene, carbon tetrachloride or toluene.

**Claims 71 and 72:**

Please cancel claims 71 and 72.

**Claim 73:**

73. (Currently Amended) A ~~formed or molded~~ product comprising crystalline C<sub>60</sub>.

**Claim 80:**

80. (Currently Amended) A ~~formed or molded~~ product comprising ~~solid~~-crystalline C<sub>70</sub>.

**Claim 81:**

81. (Currently Amended) A free-flowing particulate comprising ~~solid~~ crystalline C<sub>70</sub>.

**Claim 84:**

84. (Currently Amended) ~~Substantially pure~~ Purified C<sub>60</sub>.

**Claim 85:**

85. (Currently Amended) ~~Substantially pure~~ Purified solid C<sub>60</sub>.

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**Claim 86:**

Please cancel claim 86.

**Claim 89:**

89. (Currently Amended) ~~Substantially pure~~ Purified C<sub>70</sub>.

**Claim 90:**

90. (Currently Amended) ~~Substantially pure~~ Purified solid C<sub>70</sub>.

**Claim 94:**

94. (Currently Amended) ~~Substantially pure~~ Purified crystalline C<sub>60</sub>.

**Claim 95:**

95. (Currently Amended) ~~Substantially pure~~ Purified crystalline C<sub>70</sub>.

**Claim 96:**

Please cancel claim 96.

**Claim 102:**

102. (Currently Amended) A macroscopic amount of ~~substantially pure~~ purified C<sub>60</sub>.

**Claim 103:**

103. (Currently Amended) A macroscopic amount of ~~substantially pure~~ purified C<sub>70</sub>.

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**Claims 104-107:**

Please cancel claims 104-107.

**Claims 111-114:**

Please cancel claims 111-114.

**Claim 119:**

Please cancel claim 119.

**Claims 122-132:**

Please cancel claims 122-132.

**Claims 167-170:**

Please cancel claims 167-170.

***Terminal Disclaimer***

2. The terminal disclaimer filed on 9/24/2008 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of any patent granted on Application Number 08/471,890 has been reviewed and is accepted. The terminal disclaimer has been recorded.

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***Conclusion***

Any inquiry concerning this communication or earlier communications should be directed to examiner Susy Tsang-Foster whose telephone number is (571) 272-1293. The examiner can normally be reached on Monday through Friday from 9:30 AM to 6:00 PM.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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/SUSY N TSANG-FOSTER/  
Supervisory Patent Examiner, Art Unit 1795